



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

Washington State Energy Code Development
Standard Energy Code Proposal Form

Log No. 21GP2-011

Code being amended: ☐ Commercial Provisions ☒ Residential Provisions

Code Section #: R402.1.4 R-value computation

Brief Description: Delete redundant language

Proposed code change text: (Copy the existing text from the Integrated Draft, linked above, and then use underline for new text and ~~strikeout~~ for text to be deleted.)

R402.1.2 4 R-value computation. Cavity insulation alone shall be used to determine compliance with the cavity insulation R-value requirements in Table R402.1.3. Where cavity insulation is installed in multiple layers, the R-values of the cavity insulation layers shall be summed to determine compliance with the cavity insulation R-value requirements. The manufacturer's settled R-value shall be used for blown insulation. Continuous insulation (ci) alone shall be used to determine compliance with the continuous insulation R-value requirements in Table R402.1.3. Where continuous insulation is installed in multiple layers, the R-values of the continuous insulation layers shall be summed to determine compliance with the continuous insulation R-value requirements. ~~Cavity insulation R-values shall not be used to determine compliance with the continuous insulation R-value requirements in Table R402.1.3.~~ Computed R-values shall not include an R-value for other building materials or air films. Where insulated siding is used for the purpose of complying with the continuous insulation requirements of Table R402.1.13, the manufacturer's labeled R-value for insulated siding shall be reduced by R-0.6.

Purpose of code change:

Eliminate redundancy: This paragraph already states "Cavity insulation **alone** shall be used to determine compliance with the cavity insulation R-value requirements . . ." and "Continuous insulation (ci) **alone** shall be used to determine compliance with the continuous insulation R-value requirements . . ." [emphasis added]. There is no need for the removed sentence. Say it once in the best place possible.

Your amendment must meet one of the following criteria. Select at least one:

- | | |
|---|---|
| <input type="checkbox"/> Addresses a critical life/safety need. | <input type="checkbox"/> Consistency with state or federal regulations. |
| <input checked="" type="checkbox"/> The amendment clarifies the intent or application of the code. | <input type="checkbox"/> Addresses a unique character of the state. |
| <input type="checkbox"/> Addresses a specific state policy or statute.
(Note that energy conservation is a state policy) | <input type="checkbox"/> Corrects errors and omissions. |

Check the building types that would be impacted by your code change:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Single family/duplex/townhome | <input type="checkbox"/> Multi-family 4 + stories | <input type="checkbox"/> Institutional |
| <input checked="" type="checkbox"/> Multi-family 1 – 3 stories | <input type="checkbox"/> Commercial / Retail | <input type="checkbox"/> Industrial |

March 21, 2022

Your name	Kevin Duell	Email address	kevin.duell@nwnatural.com
Your organization	General Public	Phone number	503-610-7990
Other contact name	N/A		

Instructions: Send this form as an email attachment, along with any other documentation available, to: sbcc@des.wa.gov. For further information, call the State Building Code Council at 360-407-9278.

Economic Impact Data Sheet

Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants and businesses.

N/A

Provide your best estimate of the construction cost (or cost savings) of your code change proposal? (See OFM Life Cycle Cost [Analysis tool](#) and [Instructions](#); use these [Inputs](#). **Webinars on the tool can be found [Here](#) and [Here](#)**)

\$0/square foot (For residential projects, also provide \$0/ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

N/A

Provide your best estimate of the annual energy savings (or additional energy use) for your code change proposal?

0 KWH/ square foot (or) 0 KBTU/ square foot

(For residential projects, also provide 0 KWH/KBTU / dwelling unit)

Show calculations here, and list sources for energy savings estimates, or attach backup data pages

N/A

List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:

N/A